

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	2	"US 20040064479"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/04/11 20:22
S3	56	(US-20040098175-\$ or US-20070153086-\$ or US- 20040141057-\$ or US- 20020149673-\$ or US- 20020145663-\$ or US- 20050110869-\$ or US- 20070109406-\$ or US- 20030214582-\$ or US- 20070177012-\$ or US- 20050024491-\$).did. or (US-6903763-\$ or US- 6898516-\$ or US- 6839630-\$ or US- 6611753-\$ or US- 6182010-\$ or US- 6504571-\$ or US- 6321158-\$ or US- 6288704-\$ or US- 6195122-\$ or US- 6018697-\$ or US- 5748109-\$ or US- 5613055-\$ or US- 5848373-\$ or US- 6337688-\$ or US- 5859666-\$ or US- 5881321-\$ or US- 5850352-\$ or US- 6947662-\$ or US- 6490522-\$ or US- 5948040-\$ or US- 7254482-\$ or US- 7039521-\$ or US- 6285317-\$ or US- 6202026-\$ or US- 7134088-\$ or US- 6289278-\$).did. or (US- 7050102-\$ or US- 5115398-\$ or US- 6037936-\$ or US- 7046285-\$ or US- 6895310-\$ or US- 7190392-\$ or US- 4752836-\$ or US- 6348942-\$ or US- 6028624-\$ or US-	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/04/11 20:23

		7239760-\$ or US- 6327536-\$ or US- 6611202-\$ or US- 7139412-\$ or US- 6400405-\$ or US- 5904725-\$ or US- 6408231-\$ or US- 6014608-\$ or US- 5530420-\$ or US- 7239339-\$ or US- 7088389-\$).did.				
S4	12	("5613055"   "6018697"   "6182010"   "6195122"   "6285317"   "6288704"   "6321158"   "6337688"   "6611753"   "6895310"   "6903763"   "7239760"). PN.	US-PGPUB; USPAT	OR	ON	2008/04/11 20:26
S5	181	("4819174"   "4954958"   "5172321"   "5223844"   "5334974"   "5471392"   "5543789"   "5648768"   "5699255").PN. OR ("6321158").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/11 20:31
S6	34	("5237408"   "5264933"   "5396287"   "5444499"   "5450140"   "5511148"   "5572317"   "5598209"). PN. OR ("6037936"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/12 17:17
S7	76085	"348".clas.	USPAT	OR	ON	2008/04/12 17:27
S8	1384	display\$4 same map same (direction compass attitude) with (location point spot)	USPAT	OR	ON	2008/04/12 17:28
S9	86	S7 and S8	USPAT	OR	ON	2008/04/12 17:28
S10	1566	display\$4 same map same (direction compass attitude) with (location point spot)	US-PGPUB	OR	ON	2008/04/12 17:29
S11	38520	"348".clas.	US-PGPUB	OR	ON	2008/04/12 17:29
S12	74	S10 and S11	US-PGPUB	OR	ON	2008/04/12 17:29
S13	5	("20040210382"   "6133947"   "6437797"   "6995792"   "7265779"). PN.	US-PGPUB; USPAT	OR	ON	2008/04/12 17:35

S14	6	("20020128770"   "20040010367"   "20040260458"   "6377210"   "6604049"   "6912462").PN.	US-PGPUB; USPAT	OR	ON	2008/04/12 17:36
S15	32	("4737927"   "5283562"   "5500743"   "5550584"   "5638184"   "5682441"   "5748109"   "5784059"   "5835266").PN. OR ("6437797").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/12 17:49
S16	7	("20020021281"   "20020038180"   "20020093435"   "20020186412"   "6437797"   "6636648"   "6832101").PN. OR ("7281021").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/12 17:56
S17	1	("5633678").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/12 18:41
S18	9	US-5335072-\$.DID. OR US-5296884-\$.DID. OR US-5506644-\$.DID. OR US-5712679-\$.DID. OR US-5926116-\$.DID. OR US-6023041-\$.DID. OR US-5389934-\$.DID. OR US-5898434-\$.DID. OR US-5535063-\$.DID.	US-PGPUB; USPAT	OR	ON	2008/04/12 18:43
S19	44	(wilcock.in. or squibb.in.) and map and direction	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/12 18:45
S20	5	("20020067412"   "4992866"   "5583565"   "6359647"   "6597389").PN. OR ("6954224").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/12 18:52
S21	44	(chriss and yoder).xa. and direction	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/12 19:05
S22	9	("20020085111"   "5815411"   "6037936"   "6307556"   "6396537"   "6437797"   "6657661"   "6697761").PN. OR ("7088389").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/12 19:07
S23	8	((("20020154213") or ("6950989") or ("6762766") or ("6502107") or ("20050185060") or ("6604049") or ("20040218894") or ("6047234"))).PN.	US-PGPUB; USPAT	OR	OFF	2009/09/28 13:25

S24	315	villecco.xa. or villecco.xp.	USPAT	OR	ON	2009/09/28 21:23
S25	24	S24 and map	USPAT	OR	ON	2009/09/28 21:23
S26	35	( "20010017668"   "20020052885"   "20020075329"   "20020093678"   "20030018802"   "20030021591"   "20030033296"   "20030078918"   "20030154178"   "20040201709"   "20050190273"   "20050280719"   "20060087559"   "20060122986"   "20060168126"   "20060221190"   "5760917"   "6092080"   "6247009"   "6301586"   "6366907"   "6504571"   "6573907"   "6583799"   "6629100"   "6629104"   "6687878"   "6757684"   "6804684"   "6813618"   "6954543"   "7047214"   "7124165"   "7124191"   "7139018").PN. OR ("7508419").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/28 21:25
S27	3	"US 7454090"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/09/28 21:29
S28	20	( "5296884"   "5335072"   "5389934"   "5488558"   "5506644"   "5519046"   "5535063"   "5606627"   "5675377"   "5712679"   "5806072"   "5898434"   "5926116"   "5995936"   "6023241"   "6272235"   "6313835"   "6320593"   "6424385").PN. OR ("7454090").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/28 21:29

S41	29	("20010017668"   "20020052885"   "20020075329"   "20020093678"   "20030018802"   "20030021591"   "20030033296"   "20030078918"   "20040201709"   "20050190273"   "20050280719"   "5760917"   "6092080"   "6301586"   "6504571"   "6573907"   "6629100"   "6629104"   "6687878"   "6757684"   "6804684"   "6813618").PN. OR ("7068309").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/28 21:47
S42	22	("20020032776"   "20020073161"   "20020103864"   "20030074404"   "20030084193"   "20030097410"   "20040070678"   "20040091232"   "6161137"   "6237010"   "6288753"   "6304861"   "6360250"   "6532312"   "6564225"   "6629129"   "6757684"   "6950800"   "7058689"   "7068309"   "7152066").PN. OR ("7392296").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/28 21:52
S43	14	("20030058342"   "4516156"   "4992866"   "5164827"   "5745166"   "5844597"   "6088737"   "6239836"   "6359647"   "6529853").PN. OR ("6909458").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/28 21:59
S44	97	chriss near3 yoder	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/28 22:03
S45	65	S44 and direction	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/28 22:04
S46	2	S44 and attitude	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/28 22:04
S47	11	("20020085111"   "5815411"   "6037936"   "6307556"   "6396537"   "6437797"   "6657661"   "6697761").PN. OR ("7088389").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/28 22:04

S48	14	("20020076217"   "20020085111"   "5296884"   "5745110"   "6282362"   "6337951"   "6396537"   "6633267"   "6690883"   "7007243"   "7009643"   "7088389"   "7102670"   "7109848"). PN. OR ("7545415"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/28 22:05
S49	26	("5267042"   "5335072"   "5671451"   "5844570"   "5870741"   "6005679"   "6012028"   "6037936"   "6133947"   "6181878"   "6222583"   "6222985"   "6437797"   "6462778"   "6469698").PN. OR ("6657661").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/28 22:12
S50	39	("4737927"   "5283562"   "5500743"   "5550584"   "5638184"   "5682441"   "5748109"   "5784059"   "5835266").PN. OR ("6437797").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/28 22:29
S51	4	("20030122940"   "20040189813"   "20060187317"   "6437797").PN. OR ("7518650").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/28 22:30
S54	5	("20040210382"   "6133947"   "6437797"   "6995792"   "7265779"). PN. OR ("7492966"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/28 22:40
S55	62	("20010039541"   "20010054041"   "20020099499"   "20020109859"   "20020112003"   "20030060211"   "20040250083"   "5612881"   "5664109"   "5787383"   "5819286"   "5826270"   "5893053"   "5928306"   "5946687"   "5948040"   "5987345"   "5991807"   "6028603"   "6108554"   "6133947"   "6167441"   "6191704"   "6199014"   "6199015"   "6212475"   "6222583"   "6307641"   "6314295"   "6314370"   "6321158"	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/28 22:44

		"6330576"   "6405034"   "6437797"   "6442538"   "6487493"   "6507371"   "6542819"   "6590640"   "6636803"   "6650647"   "6658389"   "6665442"   "6684255"   "6703947"   "6704024"   "6741790"   "6748383"   "6762860"   "6789102"   "6801340"   "6810323"   "6826403"   "6920488"   "6928424"   "6983314"   "6996402"   "7024208"   "7031729"   "7031965"   "7046838"   "7054741").PN. OR ("7423771").URPN.				
S56	6	("6144956"   "6222557"   "6437797"   "6515659"   "6882350").PN. OR ("7158151").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/28 22:46
S57	15	("5844570"   "5884216"   "6181867"   "6256582"   "6321158"   "6323885"   "6385541"   "6397208"). PN. OR ("6636803"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/28 23:04
S58	49	("20010022621"   "20010023390"   "20020010543"   "20020011951"   "20030024975"   "20040041999"   "20040061726"   "20050012743"   "5296884"   "5422814"   "5596494"   "5613055"   "5642285"   "5684937"   "5712899"   "5726660"   "5864632"   "5867804"   "5926116"   "5945985"   "5948040"   "5999124"   "5999882"   "6008808"   "6018697"   "6023278"   "6088654"   "6139433"   "6144375"   "6148260"   "6173239"   "6182010"   "6195122"   "6282362"   "6285317"   "6288704"   "6317690"   "6321158"   "6337688"   "6360168"   "6504571"   "6564263"   "6611753"   "6636803"   "6683609"   "6895310"   "6903763"   "6904160"   "7239760").PN. OR	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/28 23:05

		("7526718").URPN.				
S62	17	("20020011951"   "20030024975"   "20050012743"   "5296884"   "5422814"   "5642285"   "5726660"   "5945985"   "6144375"   "6148260"   "6173239"   "6282362"   "6504571"   "6636803"   "6904160"). PN. OR ("7149961"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/28 23:28
S63	104	("4322726"   "4380024"   "4489389"   "4645459"   "4661849"   "4667190"   "4682225"   "4688092"   "4807158"   "4855822"   "4872051"   "4908704"   "4930888"   "4937570"   "4940972"   "4970666"   "5034812"   "5072218"   "5115398"   "5124915"   "5133050"   "5252950"   "5296854"   "5311203"   "5322441"   "5353134"   "5394517").PN. OR ("5815411").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/28 23:34
S64	77	("4737916"   "4937751"   "5121326"   "5191532"   "5293163"   "5414629"   "5729109"   "5732074"   "5859666"   "5948040"   "5959577"   "5982298"   "6009363"   "6032089"). PN. OR ("6182010"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/28 23:45
S65	47	("20010022621"   "20010023390"   "20020010543"   "20030024975"   "20040041999"   "20040061726"   "20050012743"   "5296884"   "5422814"   "5596494"   "5613055"   "5613055"   "5642285"   "5684937"   "5712899"   "5726660"   "5864632"   "5867804"   "5945985"   "5948040"   "5999124"   "5999882"   "6008808"   "6018697"   "6023278"   "6088654"   "6139433"   "6144375"   "6148260"   "6173239"   "6182010"	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/28 23:48



		"6195122"   "6282362"   "6285317"   "6288704"   "6317690"   "6321158"   "6337688"   "6360168"   "6504571"   "6564263"   "6611753"   "6636803"   "6683609"   "6895310"   "6903763"   "6904160"   "7239760").PN.				
S66	1698	"348".clas. and azimuth	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/28 23:56
S67	397	"348".clas. and azimuth and map	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/28 23:56
S68	324	"348".clas. and azimuth and map and location	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/28 23:57
S69	78	"348".clas. and (azimuth with location) and map	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/28 23:58
S70	74	"348".clas. and (compass with location) and map	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/29 00:05
S71	12	("5146228"   "5155774"   "5712679"   "6195122"   "6195122"   "6222583"   "6437797"   "6657661"   "6741864"   "6741864"   "6853332"   "7092109"   "7446801"   "7460148"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/29 00:09
S73	248	(348/231.3).CCLS.	USPAT	OR	OFF	2009/09/29 14:52
S74	62	(348/231.5).CCLS.	USPAT	OR	OFF	2009/09/29 14:52
S75	209	(348/231.3).CCLS.	US-PGPUB	OR	OFF	2009/09/29 14:52
S76	40	(348/231.5).CCLS.	US-PGPUB	OR	OFF	2009/09/29 14:52
S77	307	(348/239).CCLS.	USPAT	OR	OFF	2009/09/29 14:52
S78	286	(348/239).CCLS.	US-PGPUB	OR	OFF	2009/09/29 14:53
S79	501	(348/207.1).CCLS.	US-PGPUB	OR	OFF	2009/09/29 14:53
S80	364	(348/207.1).CCLS.	USPAT	OR	OFF	2009/09/29 14:53
S81	223	(348/231.6).CCLS.	USPAT	OR	OFF	2009/09/29 14:53
S82	146	(348/231.6).CCLS.	US-PGPUB	OR	OFF	2009/09/29 14:53
S83	2205	S73 S74 S75 S76 S77 S78 S79 S80 S81 S82	US-PGPUB; USPAT	OR	ON	2009/09/29 14:53

S84	1062	S83 and (azimuth or direction)	US-PGPUB; USPAT	OR	ON	2009/09/29 14:54
S85	232	S83 and (azimuth or direction) and map	US-PGPUB; USPAT	OR	ON	2009/09/29 14:55
S86	64	S83 and (azimuth or direction) and map with display\$3	US-PGPUB; USPAT	OR	ON	2009/09/29 14:55
S87	13	("20020049728"   "20020135677"   "20030007785"   "20030189649"   "20040059499"   "20050088533"   "20050117033"   "20050151850"   "20060072757"   "20060125930"   "5495576"   "6583808"   "7265779").PN. OR ("7479987").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/29 15:16
S88	10	("20030174773"   "5014079"   "5689442"   "5808663"   "6104705"   "6201562"   "6360003"   "6681120"   "6934461"   "7133537").PN. OR ("7456875").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/29 15:20
S89	17	("20010055373"   "20030184654"   "5296884"   "5506644"   "6023241"   "6222583"   "6282362"   "6396537"   "6522889"   "6657661"   "6741864"   "6903763"   "6914626"   "7007243"   "7088389"   "7123295"   "7248285").PN. OR ("7453491").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/29 15:22
S90	17	("5296884"   "5335072"   "5389934"   "5488558"   "5506644"   "5535063"   "5712679"   "5898434"   "5926116"   "6023241"   "6525768"   "6636158"). PN. OR ("6928230"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/29 15:52

S91	11	("20010019355"   "20010024233"   "20010026318"   "20010033332"   "20020067412"   "4992866"   "5528289"   "6002995"   "6266082"   "6266085"   "6542191"). PN. OR ("6888565"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/29 15:55
S92	2	((("5712679") or ("5389934")).PN.	US-PGPUB; USPAT	OR	OFF	2009/09/29 18:52
S93	1	("20010015759").PN.	US-PGPUB; USPAT	OR	OFF	2009/09/30 00:04
S94	2	"US 20040064479"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/03/03 15:18
S95	56	(US-20040098175-\$ or US-20070153086-\$ or US- 20040141057-\$ or US- 20020149673-\$ or US- 20020145663-\$ or US- 20050110869-\$ or US- 20070109406-\$ or US- 20030214582-\$ or US- 20070177012-\$ or US- 20050024491-\$).did. or (US-6903763-\$ or US- 6898516-\$ or US- 6839630-\$ or US- 6611753-\$ or US- 6182010-\$ or US- 6504571-\$ or US- 6321158-\$ or US- 6288704-\$ or US- 6195122-\$ or US- 6018697-\$ or US- 5748109-\$ or US- 5613055-\$ or US- 5848373-\$ or US- 6337688-\$ or US- 5859666-\$ or US- 5881321-\$ or US- 5850352-\$ or US- 6947662-\$ or US- 6490522-\$ or US- 5948040-\$ or US- 7254482-\$ or US- 7039521-\$ or US- 6285317-\$ or US- 6202026-\$ or US- 7134088-\$ or US- 6289278-\$).did. or (US- 7050102-\$ or US- 5115398-\$ or US-	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/03/03 15:18

		6037936-\$ or US-7046285-\$ or US-6895310-\$ or US-7190392-\$ or US-4752836-\$ or US-6348942-\$ or US-6028624-\$ or US-7239760-\$ or US-6327536-\$ or US-6611202-\$ or US-7139412-\$ or US-6400405-\$ or US-5904725-\$ or US-6408231-\$ or US-6014608-\$ or US-5530420-\$ or US-7239339-\$ or US-7088389-\$).did.				
S96	12	("5613055"   "6018697"   "6182010"   "6195122"   "6285317"   "6288704"   "6321158"   "6337688"   "6611753"   "6895310"   "6903763"   "7239760").PN.	US-PGPUB; USPAT	OR	ON	2010/03/03 15:18
S97	256	("4819174"   "4954958"   "5172321"   "5223844"   "5334974"   "5471392"   "5543789"   "5648768"   "5699255").PN. OR ("6321158").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18
S98	40	("5237408"   "5264933"   "5396287"   "5444499"   "5450140"   "5511148"   "5572317"   "5598209").PN. OR ("6037936").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18
S99	84782	"348".clas.	USPAT	OR	ON	2010/03/03 15:18
S100	1703	display\$4 same map same (direction compass attitude) with (location point spot)	USPAT	OR	ON	2010/03/03 15:18
S101	106	S99 and S100	USPAT	OR	ON	2010/03/03 15:18
S102	2378	display\$4 same map same (direction compass attitude) with (location point spot)	US-PGPUB	OR	ON	2010/03/03 15:18
S103	54087	"348".clas.	US-PGPUB	OR	ON	2010/03/03 15:18
S104	109	S102 and S103	US-PGPUB	OR	ON	2010/03/03 15:18

SI05	5	("20040210382"   "6133947"   "6437797"   "6995792"   "7265779").PN.	US-PGPUB; USPAT	OR	ON	2010/03/03 15:18
SI06	6	("20020128770"   "20040010367"   "20040260458"   "6377210"   "6604049"   "6912462").PN.	US-PGPUB; USPAT	OR	ON	2010/03/03 15:18
SI07	41	("4737927"   "5283562"   "5500743"   "5550584"   "5638184"   "5682441"   "5748109"   "5784059"   "5835266").PN. OR ("6437797").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18
SI08	7	("20020021281"   "20020038180"   "20020093435"   "20020186412"   "6437797"   "6636648"   "6832101").PN. OR ("7281021").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18
SI09	1	("5633678").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18
SI10	9	US-5335072-\$.DID. OR US-5296884-\$.DID. OR US-5506644-\$.DID. OR US-5712679-\$.DID. OR US-5926116-\$.DID. OR US-6023041-\$.DID. OR US-5389934-\$.DID. OR US-5898434-\$.DID. OR US-5535063-\$.DID.	US-PGPUB; USPAT	OR	ON	2010/03/03 15:18
SI11	45	(wilcock.in. or squibb.in.) and map and direction	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18
SI12	5	("20020067412"   "4992866"   "5583565"   "6359647"   "6597389").PN. OR ("6954224").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18
SI13	74	(chriss and yoder).xa. and direction	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18
SI14	11	("20020085111"   "5815411"   "6037936"   "6307556"   "6396537"   "6437797"   "6657661"   "6697761").PN. OR ("7088389").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18

S115	8	(("20020154213") or ("6950989") or ("6762766") or ("6502107") or ("20050185060") or ("6604049") or ("20040218894") or ("6047234")).PN.	US-PGPUB; USPAT	OR	OFF	2010/03/03 15:18
S116	340	villecco.xa. or villecco.xp.	USPAT	OR	ON	2010/03/03 15:18
S117	27	S116 and map	USPAT	OR	ON	2010/03/03 15:18
S118	37	(("20010017668"   "20020052885"   "20020075329"   "20020093678"   "20030018802"   "20030021591"   "20030033296"   "20030078918"   "20030154178"   "20040201709"   "20050190273"   "20050280719"   "20060087559"   "20060122986"   "20060168126"   "20060221190"   "5760917"   "6092080"   "6247009"   "6301586"   "6366907"   "6504571"   "6573907"   "6583799"   "6629100"   "6629104"   "6687878"   "6757684"   "6804684"   "6813618"   "6954543"   "7047214"   "7124165"   "7124191"   "7139018").PN. OR ("7508419").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18
S119	3	"US 7454090"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/03/03 15:18
S120	20	(("5296884"   "5335072"   "5389934"   "5488558"   "5506644"   "5519046"   "5535063"   "5606627"   "5675377"   "5712679"   "5806072"   "5898434"   "5926116"   "5995936"   "6023241"   "6272235"   "6313835"   "6320593"   "6424385").PN. OR ("7454090").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18

S121	33	("20010017668"   "20020052885"   "20020075329"   "20020093678"   "20030018802"   "20030021591"   "20030033296"   "20030078918"   "20040201709"   "20050190273"   "20050280719"   "5760917"   "6092080"   "6301586"   "6504571"   "6573907"   "6629100"   "6629104"   "6687878"   "6757684"   "6804684"   "6813618").PN. OR ("7068309").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18
S122	23	("20020032776"   "20020073161"   "20020103864"   "20030074404"   "20030084193"   "20030097410"   "20040070678"   "20040091232"   "6161137"   "6237010"   "6288753"   "6304861"   "6360250"   "6532312"   "6564225"   "6629129"   "6757684"   "6950800"   "7058689"   "7068309"   "7152066").PN. OR ("7392296").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18
S123	14	("20030058342"   "4516156"   "4992866"   "5164827"   "5745166"   "5844597"   "6088737"   "6239836"   "6359647"   "6529853").PN. OR ("6909458").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18
S124	112	chriss near3 yoder	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18
S125	74	S124 and direction	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18
S126	2	S124 and attitude	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18
S127	11	("20020085111"   "5815411"   "6037936"   "6307556"   "6396537"   "6437797"   "6657661"   "6697761").PN. OR ("7088389").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18

S128	14	("20020076217"   "20020085111"   "5296884"   "5745110"   "6282362"   "6337951"   "6396537"   "6633267"   "6690883"   "7007243"   "7009643"   "7088389"   "7102670"   "7109848"). PN. OR ("7545415"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18
S129	27	("5267042"   "5335072"   "5671451"   "5844570"   "5870741"   "6005679"   "6012028"   "6037936"   "6133947"   "6181878"   "6222583"   "6222985"   "6437797"   "6462778"   "6469698").PN. OR ("6657661").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18
S130	41	("4737927"   "5283562"   "5500743"   "5550584"   "5638184"   "5682441"   "5748109"   "5784059"   "5835266").PN. OR ("6437797").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18
S131	4	("20030122940"   "20040189813"   "20060187317"   "6437797").PN. OR ("7518650").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18
S132	5	("20040210382"   "6133947"   "6437797"   "6995792"   "7265779"). PN. OR ("7492966"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18
S133	62	("20010039541"   "20010054041"   "20020099499"   "20020109859"   "20020112003"   "20030060211"   "20040250083"   "5612881"   "5664109"   "5787383"   "5819286"   "5826270"   "5893053"   "5928306"   "5946687"   "5948040"   "5987345"   "5991807"   "6028603"   "6108554"   "6133947"   "6167441"   "6191704"   "6199014"   "6199015"   "6212475"   "6222583"   "6307641"   "6314295"   "6314370"   "6321158"	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18



		"6330576"   "6405034"   "6437797"   "6442538"   "6487493"   "6507371"   "6542819"   "6590640"   "6636803"   "6650647"   "6658389"   "6665442"   "6684255"   "6703947"   "6704024"   "6741790"   "6748383"   "6762860"   "6789102"   "6801340"   "6810323"   "6826403"   "6920488"   "6928424"   "6983314"   "6996402"   "7024208"   "7031729"   "7031965"   "7046838"   "7054741").PN. OR ("7423771").URPN.				
S134	6	("6144956"   "6222557"   "6437797"   "6515659"   "6882350").PN. OR ("7158151").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18
S135	16	("5844570"   "5884216"   "6181867"   "6256582"   "6321158"   "6323885"   "6385541"   "6397208"). PN. OR ("6636803"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18
S136	50	("20010022621"   "20010023390"   "20020010543"   "20020011951"   "20030024975"   "20040041999"   "20040061726"   "20050012743"   "5296884"   "5422814"   "5596494"   "5613055"   "5642285"   "5684937"   "5712899"   "5726660"   "5864632"   "5867804"   "5926116"   "5945985"   "5948040"   "5999124"   "5999882"   "6008808"   "6018697"   "6023278"   "6088654"   "6139433"   "6144375"   "6148260"   "6173239"   "6182010"   "6195122"   "6282362"   "6285317"   "6288704"   "6317690"   "6321158"   "6337688"   "6360168"   "6504571"   "6564263"   "6611753"   "6636803"   "6683609"   "6895310"   "6903763"   "6904160"   "7239760").PN. OR	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18

		("7526718").URPN.				
S137	17	("20020011951"   "20030024975"   "20050012743"   "5296884"   "5422814"   "5642285"   "5726660"   "5945985"   "6144375"   "6148260"   "6173239"   "6282362"   "6504571"   "6636803"   "6904160"). PN. OR ("7149961"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18
S138	105	("4322726"   "4380024"   "4489389"   "4645459"   "4661849"   "4667190"   "4682225"   "4688092"   "4807158"   "4855822"   "4872051"   "4908704"   "4930888"   "4937570"   "4940972"   "4970666"   "5034812"   "5072218"   "5115398"   "5124915"   "5133050"   "5252950"   "5296854"   "5311203"   "5322441"   "5353134"   "5394517").PN. OR ("5815411").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18
S139	82	("4737916"   "4937751"   "5121326"   "5191532"   "5293163"   "5414629"   "5729109"   "5732074"   "5859666"   "5948040"   "5959577"   "5982298"   "6009363"   "6032089"). PN. OR ("6182010"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18
S140	47	("20010022621"   "20010023390"   "20020010543"   "20030024975"   "20040041999"   "20040061726"   "20050012743"   "5296884"   "5422814"   "5596494"   "5613055"   "5613055"   "5642285"   "5684937"   "5712899"   "5726660"   "5864632"   "5867804"   "5945985"   "5948040"   "5999124"   "5999882"   "6008808"   "6018697"   "6023278"   "6088654"   "6139433"   "6144375"   "6148260"   "6173239"   "6182010"	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18

		"6195122"   "6282362"   "6285317"   "6288704"   "6317690"   "6321158"   "6337688"   "6360168"   "6504571"   "6564263"   "6611753"   "6636803"   "6683609"   "6895310"   "6903763"   "6904160"   "7239760").PN.				
S141	1751	"348".clas. and azimuth	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18
S142	416	"348".clas. and azimuth and map	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18
S143	342	"348".clas. and azimuth and map and location	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18
S144	82	"348".clas. and (azimuth with location) and map	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18
S145	81	"348".clas. and (compass with location) and map	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18
S146	12	("5146228"   "5155774"   "5712679"   "6195122"   "6195122"   "6222583"   "6437797"   "6657661"   "6741864"   "6741864"   "6853332"   "7092109"   "7446801"   "7460148"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18
S147	271	(348/231.3).CCLS.	USPAT	OR	OFF	2010/03/03 15:18
S148	66	(348/231.5).CCLS.	USPAT	OR	OFF	2010/03/03 15:18
S149	221	(348/231.3).CCLS.	US-PGPUB	OR	OFF	2010/03/03 15:18
S150	40	(348/231.5).CCLS.	US-PGPUB	OR	OFF	2010/03/03 15:18
S151	334	(348/239).CCLS.	USPAT	OR	OFF	2010/03/03 15:18
S152	298	(348/239).CCLS.	US-PGPUB	OR	OFF	2010/03/03 15:18
S153	541	(348/207.1).CCLS.	US-PGPUB	OR	OFF	2010/03/03 15:18
S154	392	(348/207.1).CCLS.	USPAT	OR	OFF	2010/03/03 15:18
S155	238	(348/231.6).CCLS.	USPAT	OR	OFF	2010/03/03 15:18
S156	151	(348/231.6).CCLS.	US-PGPUB	OR	OFF	2010/03/03 15:18
S157	2363	S147 S148 S149 S150 S151 S152 S153 S154 S155 S156	US-PGPUB; USPAT	OR	ON	2010/03/03 15:18

S158	1142	S157 and (azimuth or direction)	US-PGPUB; USPAT	OR	ON	2010/03/03 15:18
S159	248	S157 and (azimuth or direction) and map	US-PGPUB; USPAT	OR	ON	2010/03/03 15:18
S160	69	S157 and (azimuth or direction) and map with display\$3	US-PGPUB; USPAT	OR	ON	2010/03/03 15:18
S161	13	("20020049728"   "20020135677"   "20030007785"   "20030189649"   "20040059499"   "20050088533"   "20050117033"   "20050151850"   "20060072757"   "20060125930"   "5495576"   "6583808"   "7265779").PN. OR ("7479987").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18
S162	10	("20030174773"   "5014079"   "5689442"   "5808663"   "6104705"   "6201562"   "6360003"   "6681120"   "6934461"   "7133537").PN. OR ("7456875").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18
S163	17	("20010055373"   "20030184654"   "5296884"   "5506644"   "6023241"   "6222583"   "6282362"   "6396537"   "6522889"   "6657661"   "6741864"   "6903763"   "6914626"   "7007243"   "7088389"   "7123295"   "7248285").PN. OR ("7453491").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18
S164	17	("5296884"   "5335072"   "5389934"   "5488558"   "5506644"   "5535063"   "5712679"   "5898434"   "5926116"   "6023241"   "6525768"   "6636158"). PN. OR ("6928230"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18

S165	11	("20010019355"   "20010024233"   "20010026318"   "20010033332"   "20020067412"   "4992866"   "5528289"   "6002995"   "6266082"   "6266085"   "6542191"). PN. OR ("6888565"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 15:18
S166	2	((("5712679") or ("5389934")).PN.	US-PGPUB; USPAT	OR	OFF	2010/03/03 15:18
S167	1	("20010015759").PN.	US-PGPUB; USPAT	OR	OFF	2010/03/03 15:18

**EAST Search History (I nterference)**

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